

IN THE CLAIMS:

The following is a complete listing of the claims in this application, reflects all changes currently being made to the claims, and replaces all earlier versions and all earlier listings of the claims:

Claim 1. (Currently Amended) A communication system having an image input apparatus and an image formation apparatus for communicating with said image input apparatus, comprising:

a wireless communication device which communicates between said image formation apparatus and said image input apparatus via a wireless line, and ~~having a plurality of communication mode~~ has a low-power consumption state;

a detection device which detects a predetermined operation by a user for instructing said image formation apparatus to perform a predetermined process to an image input by said image input apparatus; and

a ~~control~~ release device which ~~changes mode of said wireless communication device~~ releases the low-power consumption state of said wireless communication device in accordance with a detection result by said detection device, and for controlling transmission of the image input by said image input apparatus ~~in the changed mode~~ to said image formation apparatus.

Claim 2. (Currently Amended) A communication system according to claim 1, further comprising:

a selecting device which selects printing of the image input by said image input apparatus,

a command sending device which sends a command to request start of transmission of print data from said image input apparatus to said image formation apparatus, after ~~the mode of said wireless communication device is changed by said control device~~ the low-power consumption state is released by said release device, if printing is selected; and

a start device which starts to transmit an image stored in a memory of said image input apparatus to said image formation apparatus, in response to the command of said image formation apparatus.

Claim 3. (Currently Amended) A communication system according to claim 1, further comprising:

a selecting device which selects transmission of the image input by said image input apparatus to a communication line connected to said image formation apparatus;

a command sending device which sends a command to request start of transmission data from said image input apparatus to said image formation apparatus after ~~the mode of said wireless communication device is changed by said control device~~ the low-power consumption state is released by said release device, if transmission to said communication line is selected; and

a start device to start to transmit the image stored in a memory of said

image input apparatus to said image formation apparatus in response to said command of said image formation apparatus.

Claim 4. (Previously Presented) A communication system according to claim 1, wherein said wireless communication device is operable to establish a wireless link through an initial connection procedure, and, in accordance with a predetermined condition, to change the mode to a low power consumption connection mode in which an initial connection procedure is not necessary.

Claim 5. (Previously Presented) A communication system according to claim 4, wherein if a given time passes after making the transition to the low power consumption connection mode, said wireless communication device is operable to eliminate the low power consumption connection mode.

Claim 6. (Previously Presented) A communication system according to claim 1, wherein said image input apparatus is a portable scanner that can be detached from and attached to said image formation apparatus.

Claim 7. (Currently Amended) A communication system according to claim 1, wherein said ~~control device is operable to change said mode~~ release device releases the low-power consumption mode in accordance with said predetermined operation and ~~the a~~ a mode of said wireless communicating device.

Claim 8. (Currently Amended) A communication system according to claim 1, wherein the predetermined operation is an operation for outputting the image input by said image input apparatus by said image ~~communication~~ forming apparatus.

Claim 9. (Previously Presented) A communication system according to claim 8, wherein said output includes at least one of print output and output to the communication line connected to said image formation apparatus.

Claim 10. (Currently Amended) A communication system according to claim 1, wherein ~~said control device is operable to changes mode so that at least power consumption of said wireless communicating device is changed~~ said release device releases the low-power consumption state by changing mode of said wireless communication device.

Claim 11. (Previously Presented) A communication system according to claim 1, wherein said wireless communicating device is operable to perform communication based on the Bluetooth specification.

Claim 12. (Currently Amended) A method of controlling a communication system having an image input apparatus and an image formation apparatus for communication with said image input apparatus, the image formation apparatus wirelessly communicates with said image input apparatus by a wireless method having a ~~plurality of communication modes~~ low power consumption state, said method comprising the steps of:

detecting a predetermined operation by a user for instructing the image formation apparatus to perform a predetermined process on an image input by the image input apparatus;

~~changing the mode of said wireless method~~ releasing the low-power consumption state in accordance with detection of said predetermined operation and ~~controlling transmission of~~ transmitting the image input by the image input apparatus ~~in the changed mode~~ to the image formation apparatus.

Claim 13. (Currently Amended) A image input apparatus comprising:

a wireless communication device which communicates with an image formation apparatus via wireless lines and has a low-power consumption state;

a detecting device which detects a predetermined operation by a user for instructing the image formation apparatus to perform a predetermined process on an image input by said image input apparatus;

a ~~changing~~ releasing device which ~~changes a mode of said wireless communication device~~ releases the low-power consumption mode of said wireless communication device in accordance with the detection by said detecting device; and

a transmission device ~~with~~ which performs a transmission process for transmitting the image input by said image input apparatus ~~in the changed mode~~ to said image formation apparatus after releasing the low-power consumption state by said release device.

Claim 14. (Currently Amended) An image input apparatus according to claim 13, further comprising:

a selecting device which selects printing of the image input by said image input apparatus; and

a sending device which sends a command to request a start of transmission of print data from said image input apparatus to the image formation apparatus, after ~~the mode of said wireless communication device is changed~~ the low-power consumption mode is released by said release device, if printing is selected.

Claim 15. (Currently Amended) An image input apparatus according to claim 13, further comprising:

a selecting device which selects transmission of the image input by said image input apparatus to a communication line connected to the image formation apparatus;

a sending device which sends a command to request start of transmission data from said image input apparatus to the image formation apparatus after ~~the mode of said wireless communication device is changed~~ the low-power consumption mode is released by said release device, if transmission to said communication line is selected.

Claim 16. (Currently Amended) An image input apparatus according to claim 13, wherein said wireless communication device is operable to establish a wireless link through an initial connection procedure, and, in accordance with a predetermined condition, to ~~changes~~ change the mode into a low power consumption connection mode in which the initial connection procedure is not necessary.

Claim 17. (Previously Presented) An image input apparatus according to claim 16, wherein if a given time passes after making the transition to the low power consumption connection mode, said wireless communication device is operable to eliminate the low power consumption connection mode.

Claim 18. (Currently Amended) An image input apparatus according to claim 13, wherein said ~~changing device is operable to change said mode~~ release device releases the low-power consumption state in accordance with said predetermined operation and ~~the a~~ a mode of said wireless communicating device.

Claim 19. (Previously Presented) An image input apparatus according to claim 13, wherein the predetermined operation is an operation for outputting the image input by said image input apparatus by the image formation apparatus.

Claim 20. (Previously Presented) An image input apparatus according to claim 19, wherein the output includes at least one of a print output and an output to the communication

line connected to the image formation apparatus.

Claim 21. (Currently Amended) An image input apparatus according to claim 13, wherein said ~~changing device is operable to changes mode so that at least power consumption of said wireless communicating device is changed~~ release device releases the low-power consumption state by changing mode of said wireless communication device.

Claim 22. (Previously Presented) An image input apparatus according to claim 13, wherein said wireless communicating device is operable to perform communication based on the Bluetooth specification.

Claim 23. (Currently Amended) A method of controlling an image input apparatus, capable of communicating with an image formation apparatus by a wireless method having a ~~plurality of communication modes~~ low-power consumption state, said method comprising the steps of:

detecting a predetermined operation by a user for instructing the image formation apparatus to perform a predetermined process on an image input by said image input apparatus;

~~changing a mode of said wireless method~~ releasing the low-power consumption state in accordance with detection in the predetermined operation; and

transmitting the image input by the image input apparatus ~~in the changed mode~~ to the image formation apparatus after releasing the low-power consumption state.

Claim 24. (Previously Presented) A storage medium storing a computer program for controlling a processor to carry out a method of claim 23.